

PRODUCT DATASHEET

ST R39 25 36° 1.5 W/2700K E14

LED STAR R39 | LED reflector lamps R39 with retrofit screw base



AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: E14
- Lamp made of glass
- Good quality of light; color rendering index $R_a: \geq 80$
- Lifetime: up to 15,000 h



TECHNICAL DATA

Electrical data

Rated wattage	1.50 W
Nominal wattage	1.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Max. lamp no. on circuit break. 10 A (B)	350
Max. lamp no. on circuit break. 16 A (B)	562
Operating frequency	50...60 Hz
Power factor λ	> 0.40

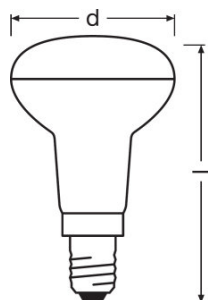
Photometrical data

Nominal luminous flux	110 lm
Rated luminous flux	110 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	110 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc _m
Rated color temperature	2700 K
Color rendering index Ra	≥ 80
Nominal useful luminous flux 90°	110 lm
Rated useful luminous flux 90°	110 lm
Rated peak intensity	248 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight



Overall length	70.0 mm
Diameter	39.0 mm
Outer bulb	R39
Length	70.0 mm
Maximum diameter	39.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	42 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
Product remark	All technical parameters apply to the entire lamp/Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Dimmable	No
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Certificates & standards

Energy efficiency class	A++
Energy consumption	2 kWh/1000h

Country-specific categorizations

Order reference	LEDSR392536 1,5
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075264168	Blister 1	42 mm x 140 mm x 120 mm	43.00 g	0.71 dm ³
4058075264175	Shipping carton box 6	261 mm x 153 mm x 136 mm	384.00 g	5.43 dm ³
4058075433106	Blister 1	42 mm x 140 mm x 120 mm	43.00 g	0.71 dm ³
4058075433113	Shipping carton box 6	261 mm x 153 mm x 132 mm	384.00 g	5.27 dm ³
4058075433243	Folding carton box 1	49 mm x 49 mm x 95 mm	42.00 g	0.23 dm ³
4058075433250	Shipping carton box 10	266 mm x 111 mm x 71 mm	518.00 g	2.10 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

REFERENCES / LINKS

For further products and actual information concerning LED lamps see

- ▶ www.osram-lamps.com/led-lamps

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.